

Amendment to Abstract (with marking)

~~The invention discloses a~~An energy-saving fluorescent lamp with two or more integrated-shaping discharge tubes, automatically formed by a single step one-shot model, and the forming method and the mould of the U-shaped tube unit in to a U-tube with a desired curvature. The energy saving fluorescent lamp is formed of several single tube units which are connected to each other with connective bridges, additionally, two walls of one tube unit are parallel to each other, and two walls also are adjacent tightly to each other. Each of discharge tubes are disposed upon a conveyer for being shipped into a heater and is treated in portions of the discharge tube by one or more said wide flame nozzles of preset temperatures for a preset duration simultaneously into a U-tube with a pair of leg tubes for fitting into a pair of integrated-shaping dies when said mechanic arm opens up said pair of dies for moulding into a U-tube with a preset curvature radius. The bending direction of the two walls is the same. The advantages of the lamp are effective light utilization, short tube length, and sufficient radiation, and the lamp is automatically single forming in industry. Therefore, the lamp can work with small power, and also has low cost, high efficient, and low rejection ratio.